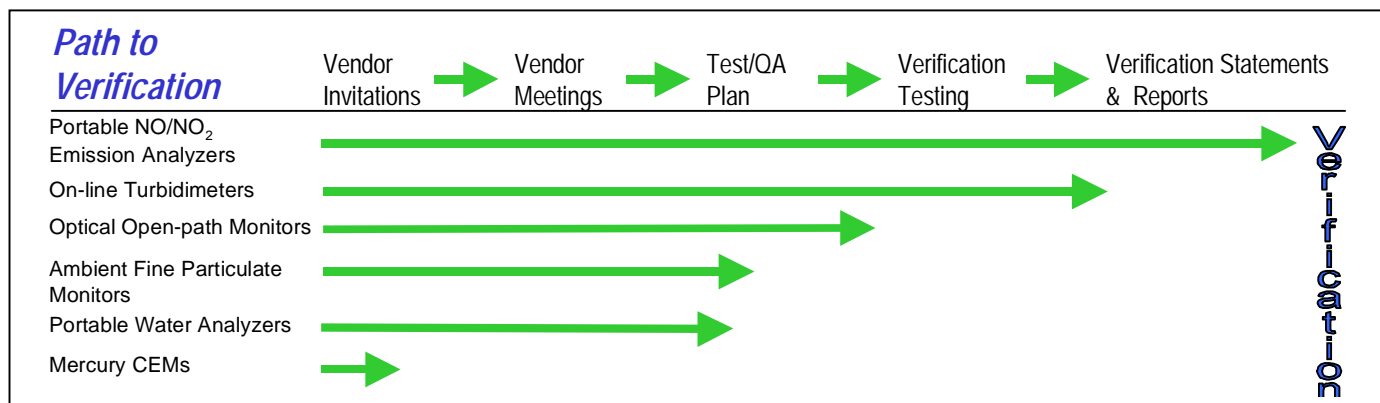


Verification Tests Scheduled, Planned

Winter and spring months are expected to be the busiest yet for the AMS pilot, as it issues final reports from the second verification test, conducts verification tests for two additional technology categories, and drafts test/QA plans for the next two technology categories in the queue. Here are summaries of scheduled activities.

- ♦ **On-line turbidimeters.** Draft verification reports for the instruments tested last September and October are being reviewed by the three participating vendors. Vendor comments will be addressed and revised reports will then be reviewed by EPA officials. The final step is the issuance of the verification reports and verification statements, which will occur this spring.
- ♦ **Optical open-path air monitors.** Verification testing of these instruments will begin in January. Participating vendors will have their technologies verified one at a time at either Battelle's facilities or at a site specified by the vendor. The tests will continue through the winter months, after which draft test reports will be issued to participating vendors and EPA officials for review and comment.
- ♦ **Ambient fine particulate monitors.** Battelle staff have addressed comments on the draft verification test/QA plans from EPA reviewers and interested vendors. The revised test plan will be submitted to interested parties for approval. The test is expected to start this summer and is to be conducted at locations in Pittsburgh and Fresno.
- ♦ **Portable water analyzers.** The draft test/QA plan has been sent to 10 interested vendors and EPA officials for comment. The test/QA plan will be revised and verification testing is expected to begin in February.
- ♦ **Mercury continuous emissions monitors (CEMs).** Staff members from EPA and Battelle are discussing how to coordinate the AMS pilot's verification test for CEMs with CEM evaluations being conducted by other organizations. Battelle will be contacting vendors of mercury CEMs, with the objective of developing a test plan by spring.

Vendors interested in participating in the test of optical open-path air monitors should contact Jeff Myers at Battelle (phone 614-424-7705 or e-mail, myersjd@battelle.org). For other test-related information, contact Tom Kelly at Battelle (phone 614-424-3495 or e-mail kellyt@battelle.org). For general information about the AMS pilot or to be added to the mailing list, contact: Helen Latham at Battelle, 505 King Ave., Columbus, Ohio 43201-2693; phone 614-424-4062; Fax 614-424-5601; e-mail lathamh@battelle.org.



The AMS pilot is one of 12 pilots in the U.S. Environmental Protection Agency's Environmental Technology Verification Program. ETV was established to accelerate the development and commercialization of improved environmental technologies through third-party verification testing and reporting of the technologies' performance. The ETV process provides purchasers and permittees with an independent assessment of the technology they are buying or permitting and facilitates multi-state acceptance. For further information, contact Helen Latham at Battelle, 505 King Ave., Columbus, Ohio 43201-2693; Phone 614-424-4062; Fax 614-424-5601; E-mail lathamh@battelle.org.

Meet the Stakeholder Committees

Two members of the AMS pilot's stakeholder committees are spotlighted in each issue of *The Monitor* – one each from the air and water committees.



Rudy Eden
Air Stakeholder
Committee

Mr. Eden has a B.S. degree in chemistry from the University of California-Riverside and has been with the South Coast Air Quality Management District (AQMD) for more than 17 years. For the first 11 years at AQMD, he worked in the analytical laboratory, performing wet chemical and instrumental techniques and designing, building, and modifying analytical instruments. He later headed the data management team for AQMD's enforcement division and managed a team of permit processing engineers and enforcement inspectors responsible for more than 30,000 sources.

In 1996, Mr. Eden was named manager of the analytical laboratory, which analyzes samples collected by the source testing team and field inspectors. The lab also performs analysis to support rules development and, occasionally, for law enforcement agencies. He was also given the responsibility for AQMD's particulate and special monitoring programs and heads the team responsible for collecting and analyzing samples of total suspended particulate (TSP), PM10, and PM2.5 collected from a 31-station network. The team recently completed an intensive Multiple Air Toxics Exposure Study (MATES), analyzing more than 60 species at 24 sites. The team also performed air-quality studies at both the Los Angeles International Airport and Long Beach Harbor areas.

Mr. Eden is a member of the Air and Waste Management Association and the American Chemical Society.



Peter Tennant
Water Stakeholder
Committee

Mr. Tennant is the deputy executive director of the Ohio River Valley Water Sanitation Commission (ORSANCO), an interstate agency overseeing water quality management of the Ohio River and its tributaries. He has a B.S. in civil engineering from Northeastern University and is a registered professional engineer in the state of Ohio.

In his 20-plus years with ORSANCO, Mr. Tennant has developed and managed programs in water quality monitoring and assessment, emergency response, and pollution control standards for the Ohio River. He has produced numerous reports about the river's water quality, including the biennial water quality assessment, and special studies of problem parameters and impacts of particular types of pollutant sources.

Prior to joining ORSANCO, Mr. Tennant was employed by the Massachusetts Division of Water Pollution Control and was responsible for developing and executing intensive surveys, applying mathematical models, and determining allowable pollutant loadings.

Come See ETV At Major Meetings

The ETV booth and representatives will be readily available at major conferences and meetings during 2000 to provide information about verification testing opportunities. ETV expects to have its exhibit at more than 20 events during 2000. To review the current list, go to: <http://www.epa.gov/etv/highup.htm>.

Staff from the AMS pilot will be available at the ETV booth at several conferences during 2000, including PittCon©'00, March 12-17, and the 93rd Annual Meeting and Exhibition of the Air & Waste Management Association (A&WMA), June 18-22, in Salt Lake City, Utah.

At the A&WMA meeting, Penny Hansen, ETV director, and Karen Riggs, AMS pilot manager, will co-chair a panel discussion with vendors who have participated in one or more ETV verification test. Vendors will be giving their perspectives on the process.

Upcoming Events

February/March, 2000

Meeting of AMS Pilot's Air Stakeholder Committee, Denver, CO

March, 2000

Meeting of AMS Pilot's Water Stakeholder Committee, Charleston, SC

March 12-17, 2000

PITTCO 00, New Orleans, LA

June 18-22, 2000

A&WMA 93rd Annual Meeting & Exhibition, Salt Lake City, UT

If you would like to add someone to *The Monitor's* mailing list, make changes to your listing, or have your name removed from the mailing list, please fax or e-mail additions or changes to Helen Latham at 614-424-5601 or lathamh@battelle.org.

Visit the AMS pilot on the Web at http://www.epa.gov/etv/07/07_main.htm.